

부비동의 외과적 해부학의 오류

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윤 주 현

Pitfalls in Surgical Anatomy of Lateral Nasal Wall

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가 .¹⁾ .
uncinate process가 가
가 . Computed to-
mogram 가
가 .
uncinate pr-
ocess , middle turbinate 가
uncinate
process가 skull base 1
middle turbinate 가
uncinate process skull
base unciate pro-
cess skull base .²⁾ unciate pr-
ocess 1 skull base 가
2 lamina papy-
racea 가
uncinate process middle turbinate 가
uncinate process 3가
uncinate
process가 fontanelle 8
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finding

Anterior Ethmoidal Artery의 분포

Stammberger anterior ethmoidal artery
skull base 5 mm
anterior ethmoid canal skull base
가 100
Anterior ethmoidal artery 87.2% skull base 2 3
93.4% skull base
6.6% Stammberger가
skull base 2~3 mm
Anterior ethmoidal artery
ethmoid
roof 3rd lamella
2nd lamella 가

Fontanelle의 경계와 상악동의 Natural Ostium

Fontanelle 가
Fontanelle 50
middle meatal antrostomy
middle meatal antrostomy
middle meatal antrostomy “small hole theory”
theory
Theory
가
middle meatal antrostomy
opening
fontanelle

100 fontanelle
lacrima
bone, perpendicular process of the palatine bone,
superior border of the inferior turbinate,
1/5 orbital floor,
3/5 horizontal lamella of the bulla ethmoidalis,
1/5 horizontal portion of the third lamella
Fontanelle 가 18.1 ± 3.8 mm,
가 9.2 ± 2.2 mm¹⁾ middle meatal antrostomy
fontanelle orbital floor
가
10 mm
natural ostium bulla ethmoidalis
floor uncinat process, fontanelle
posterior fontanelle 가

Sphenopalatine Artery의 주행

Middle meatal antrostomy
conchotomy massive bleeding
sphenopalatine artery 가 posterior lateral nasal artery
가
50
Posterior lateral nasal artery
37%
middle meatal antrostomy
fontanelle
massive bleeding

Frontal Recess and Nasofrontal Duct

Frontal recess hour glass
1946 O.E. Van Alyea frontal recess가 frontal sinus 가 frontal ostium bony recess

frontal recess
 hour glass
 tal bone nasal dorsum
 hour glass
 가 thin bony
 frontal sinus
 frontal sinus
 un-
 cinate process(1st lamella) bulla ethmoidalis
 (2nd lamella)가
 tubule like structure
 7) nasofrontal duct가 natural out-
 flow tract
 frontal recess frontal sinus na-
 tural outflow tract

Shenoid Sinus의 Natural Ostium

sphenoid sinus natural ostium sphe-
 noethmoidal recess septum superior turbinate
 100%
 100 17% sphen-
 oid sinus ostium superior turbinate
 8) sphenoid si-
 nus bony portion
 overestimate
 sphenoid sinus ostium su-
 perior turbinate

새로운 용어의 필요성

가
 1996 Com-
 mittee on anatomic classification terminology가

Conchal plate

Middle, superior and supreme turbinate
 skull base
 (conchal plate) ethmoid bone
 middle, superior and supreme concha
 turbinate congestion and deconges-
 tion 가
 가 conchal plate

Suprainfundibular plate

frontal sinus natural outflow
 tract . Conchal plate
 septum
 uncinat process bulla ethmoidalis가
 가 skull base . Uncinate pro-
 cess bulla ethmoidalis (in-
 fundibulum 가) ethmoid bone ,
 uncinat process가 skull base
 bulla ethmoidlals가 skull base
 suprainfundibular plate
 . Suprainfundibular plate
 가
 middle turbinate middle turbinate

frontal sinusotomy
 frontal recess
 area
 가

중심 단어 : Uncinate process · Anterior ethmoidal artery · Fontanelle conchal plate · Suprainfundibular plate · Sphenopalatine artery.

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